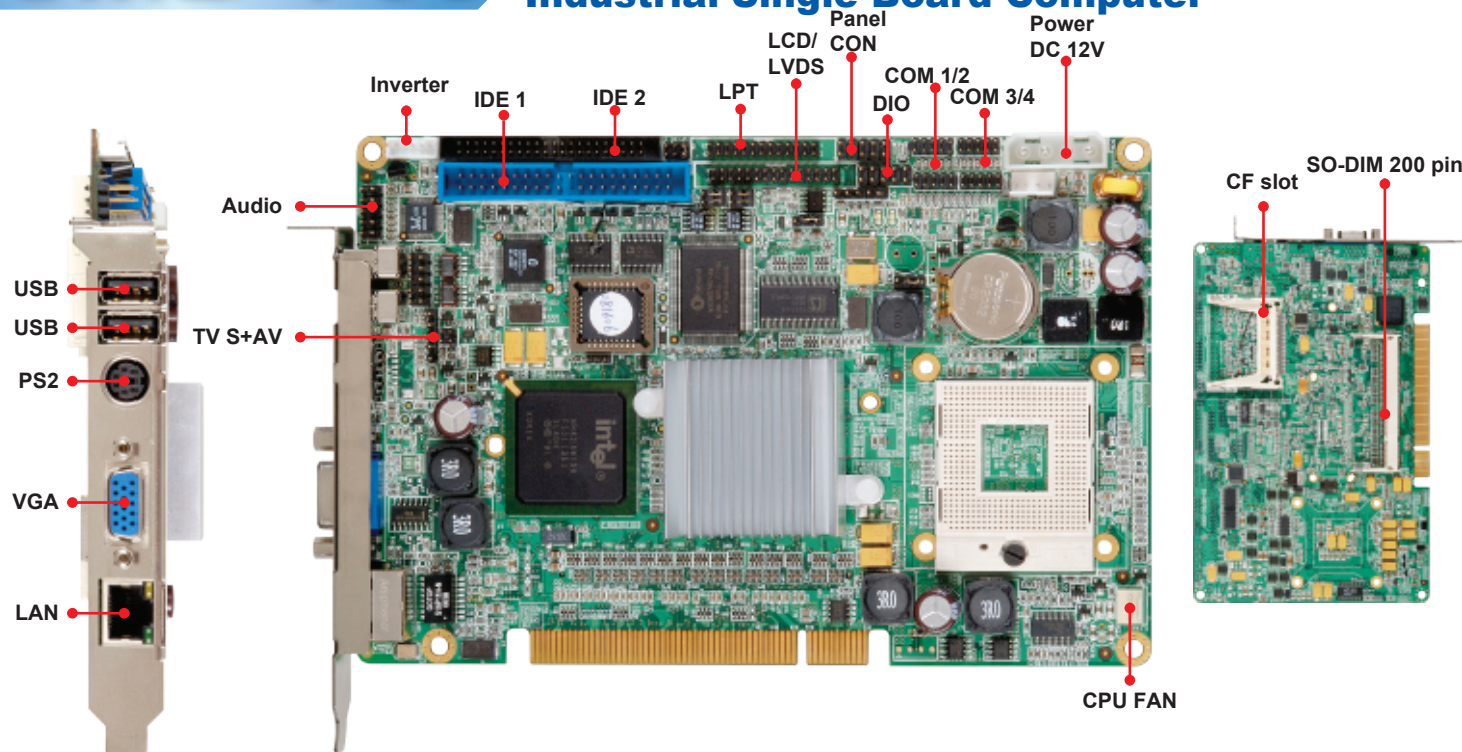


SMB-750

Industrial Single Board Computer



Features

- ◆ Ultra Low Voltage Intel® Celeron® M Processor upto 1GHz CPU
- ◆ Low ESR, high frequency Cap. Retention
- ◆ Intel 8285GM/82801DB system chipset
- ◆ 4 COM, 4 USB 2.0 ports
- ◆ Turly Fanless solution



Technical Specifications

SYSTEM	
Bus Interface	PCI Bus (Support 3.3V output through goldfinger)
CPU	Intel Mobile CPU (Socket 479 , or BGA type)
Chipset	Intel 8285GM NB, ICH4 SB
Memory	1 x SO-DIM 200 pin socket, up to 1GB memory
BIOS	4M firmware HUB Award license BIOS, support boot-up from USB type external CD-ROM, HDD and FDD devices,
Ethernet Connector	1 x RJ-45 connector, Intel 82551 support 10/100 Base-T interface
Audio	AC97 codec
Watchdog Timer	Software programmable time-out intervals from 0~255 level
Power management	I/O peripheral devices support power saving and doze/standby
Power Connector	1 x 4-pin 12VDC power connector
Temperature	Operating: 0°C ~ 55°C Storage: -10°C ~ 70°C
Humidity	5% ~ 95% RH, non-condensing
Dimensions	185 x 122 mm
EMI/EMS	Meet the CE and FCC class B regulation.
Other function	Support USB device boot up(FDD,HDD,CD-ROM) Support Dual Display
RoHS	RoHS Compliant
Display	
VGA connector	1 x DB-15 VGA connector supporting up to 1600 x 1200
LCD connector	2 x LCD 20 pin header interface (Support 18 bits LVDS , Dual channel)

IO	
IDE	1 x 40 pin IDE port 1 x 44 pin IDE port (Each IDE port can support up to two IDE devices. Supports PIO mode 4 and Bus Master. Also supports Multi-word DMA and Ultra DMA/33/66/100.)
Floppy	1 x 26 pin Slim type floppy connector (Optional).
Compact Flash	1 x CF socket (Type II IDE interface share one 44 pin IDE device)
Serial Port	4 x internal COM ports (Support One COM port RS-232/422/485)
USB	2 x internal, 2 x external USB2.0 ports
Audio	1 x internal Line-out 1 x internal Line-in 1 x internal Mic-in
Parallel Port	1 x internal multi-mode parallel port (SPP/EPP/ECP)
Keyboard/Mouse	2 x 6-pin mini-DIM PS/2 keyboard and mouse connector
IrDA	1 x internal IrDA
Packing List	
1 x IDE Cable 2x20, 2.54 pitch	1 x USB Cable 2x5, 2.54 pitch
1 x COM Cable 2x5, 2.0 pitch	1 x Printer Cable 2x13, 2.0 pitch
1 x Utility CD (w/ Manual & Drivers)	
Order Information	
SMB 750-A1	Half-size PISA CPU Card, Socket 479 w/ Intel 82855GM (w/Heatsink)
SMB 750-B1	Half-size PISA CPU Card, Pentium M, ULV Celeron M 600 (w/Heatsink)